

What is claimed is:

Claim 1. A drilling or boring tool arrangement comprising, in combination:

a drill tool body member having a cutting end, a remote end and an elongated axial extent between said cutting end and said remote end, and a central axis, and said remote end adapted to
5 be mounted into a tool holder providing rotation to said body member about said central axis, and said tool body member having a peripheral surface extending between said cutting end and said remote end;

10 a first frustum cutter and a second frustum cutter mounted on said cutting end of said tool body member and each of said first frustum cutter and said second frustum cutter having an axis at a skew angle with respect to said central axis of said tool body member, and each of said first frustum cutter and said second frustum cutter having a cutting portion;

15 said body member having walls defining at least one axial extending flute on the peripheral surface thereof and said at least one axial extending flute extending from regions adjacent one of said first frustum cutter and said second frustum cutter to regions adjacent said remote end of said tool body member.

Claim 2. The arrangement defined in claim 1 wherein:

20 said walls in said tool body member define a first axial extending flute and a second axial extending flute, and one of said first and said second axial extending flute, said first axial extending flute extending from regions adjacent said first frustum cutter to regions adjacent said remote end of said tool body member and said second axial extending flute extending from

regions adjacent said second frustum cutter to regions adjacent said remote end of said tool body member.

Claim 3. The arrangement defined in claim 1 wherein:

5 said first frustum cutter and said second frustum cutter are mounted on said cutting end of said tool body in diametrically opposed relationship with respect to said central axis of said tool body member.

Claim 4. The arrangement defined in claim 1 wherein:

10 said skew angle of said axis of said first frustum cutter and said skew angle of said axis of said second frustum cutter are the same.

Claim 5. The arrangement defined in claim 1 wherein:

15 said skew angle of said axis of said first frustum cutter and said skew angle of said axis of said second frustum cutter are different.

Claim 6. The arrangement defined in claim 1 wherein:

each of said first frustum cutter and said second frustum cutter have portions thereof extending radially outward from said peripheral surface of said tool body member.

20 Claim 7 The arrangement defined in claim 1 wherein:

said cutting portions of each of said first frustum cutter and said second frustum cutter lie

in a plane perpendicular to said central axis.

Claim 8. A drilling or boring tool arrangement comprising, in combination:

a drill tool body member having a cutting end, a remote end and an elongated axial extent between said cutting end and said remote end, and a central axis, and said remote end adapted to be mounted into a tool holder providing rotation to said body member about said central axis,
5 and said tool body member having a peripheral surface extending between said cutting end and said remote end;

a first frustum cutter and a second frustum cutter mounted on said cutting end of said tool body member in diametrically opposed relationship with respect to said central axis and each of
10 said first frustum cutter and said second frustum cutter having an axis at a skew angle with respect to said central axis of said tool body member and said skew angle of said axis of said first frustum cutter and said skew angle of said axis of said second frustum cutter are the same, and each of said first frustum cutter and said second frustum cutter having a cutting portion, and said cutting portion of each of said first frustum cutter and said second frustum cutter lie in a plane
15 perpendicular to said central axis, and each of said first frustum cutter and said second frustum cutter have portions thereof extending radially outward from said peripheral surface of said tool body member;

said body member having walls and said walls in said tool body member define a first axial extending flute and a second axial extending flute, and one of said first and said second axial extending flute, said first axial extending flute extending from regions adjacent said first
20 frustum cutter to regions adjacent said remote end of said tool body member and said second axial extending flute extending from regions adjacent said second frustum cutter to regions

adjacent said remote end of said tool body.

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